

Grant Proposal: Technology Integration Professional Development

John Adams Elementary
Philadelphia School District
Philadelphia, PA 10129





Executive Summary



- Most people outside of the educational community do not realize that the single greatest impact on improved student performance is increased teacher education
- “The qualifications of the teacher constitute 44% of the impact on student learning”
- Despite available technological resources, professional development is lacking



Executive Summary



- Proposal Request:
 - Supplemental funds to support the implementation of a thorough technology integration professional development program
 - Cultivate and sharpen technological skills
 - Develop pedagogical understanding for application of technology within curriculum
 - Provide additional training to selected end-users to act as peer coaches providing support and guidance
 - Develop technology rich lessons = improved student performance



Statement of Needs



- “If the primary purpose of professional development is to improve the learning outcomes of students, then the first goal of any professional development model should be to change the way each teacher actually teaches”
- Professional Development can:
 - Change beliefs and attitudes towards technology
 - Provide knowledge and skill to employ technology



Statement of Needs



Professional Development



Effective Technology Integration



Transformation of Teaching Practices



Improved Student Performance



Statement of Needs



- "When teachers aren't trained to teach differently with the help of computer equipment, all of often then end up forfeiting its latent benefit." – William Bennett, Former Secretary of Education
- Current Educational Technology training:
 - Sparse
 - Generalized



Statement of Needs



- A recent study found:
 - 7% of schools have teachers technologically advanced enough to effectively integrate technology into their lessons
 - 33% of schools provide no educational technology professional development
 - 29% provide a mere 1-14 hours per year



Program Goals



1. By the end of the spring semester 2013, the faculty will have gained the necessary knowledge to be able to transform their curriculum and lesson plans by effectively integrating technology for the start of the 2013–2014 school year.
2. John Adams Elementary School will raise test scores, implement a technology-enriched curriculum, and meet state and national technology use standards, including the ISTE NETS for students.





Program Objectives



1. Conduct a needs/skills assessment with faculty to gauge the current overall proficiency and use of technology in the classroom
2. Conduct a "Technology 101" development session which will develop teacher technological skills
3. Implement a curriculum focused training which guides and instructs teachers on how to integrate available technological resources into curriculum and learning activities
4. Administer end-user "coach" training to advanced, experienced teachers to serve as an on-site guide and support system for peers and novice users.



Program Methodology



- Timeframe: 13 Months (June 2013 – July 2014)
- Two Phases:
 - Phase 1: Needs Assessment and Technology 101 (June 2013 – December 2013)
 - Phase 2: Curriculum Focused Training & Peer Tech Integration Coach Training



Phase 1



Objective 1

- At conclusion of 2012–2013 school year, faculty members will participate in a needs/skills assessment survey to gauge current situation

Objective 2

- Late Summer 2013, faculty members will begin a 40 hour technology skills development program to learn and operate the available technologies at John Adams Elementary



Phase 2



Objective 3

- Beginning January 2014, faculty members will begin a 40 hour curriculum focused technology integration development program

Objective 4

- At conclusion of 40 hour Curriculum Integration training, 3 selected individuals will be asked to take part in 24 additional training hours to become Peer Tech Integration Coaches



Evaluation



- Review of Lesson Plans for 2014–2015 school year for evidence of integrated technology
- Classroom Observation
- End of year classroom student assessment data
 - Comparing:
 - Pre and Post Development Program
 - State and National Metrics



Proposed Budget



Projected Participants: 16 faculty members, 1 facilitator

Proposed Timeframe: 13 months

Objective	Expenditures	Cost	Total Cost	School Funded	Grant Funding	Funding Needed
1. Needs/Skills Assessment	Salary (Teacher and Facilitator)	N/A	\$370.00	\$370.00	\$0.00	\$0.00
	Stipend (Teacher and Facilitator)	\$320.00				
	Supplies (Material/Printing/Misc.)	\$50.00				
2. Technology 101	Salary (Teacher and Facilitator)	\$8,160.00	\$13,900.00	\$6,950.00	\$6,950.00	\$6,950.00
	Stipend (Teacher and Facilitator)	\$5,440.00				
	Supplies (Material/Printing/Misc.)	\$300.00				
3. Curriculum Focused Integration	Salary (Teacher and Facilitator)	\$8,160.00	\$13,900.00	\$6,950.00	\$6,950.00	\$6,950.00
	Stipend (Teacher and Facilitator)	\$5,440.00				
	Supplies (Material/Printing/Misc.)	\$300.00				
4. Peer Technology Coach Training	Salary (Teacher and Facilitator)	\$1,920.00	\$3,100.00	\$1,550.00	\$1,550.00	\$1,550.00
	Stipend (Teacher and Facilitator)	N/A				
	Substitute Wages	\$1,080.00				
	Supplies (Material/Printing/Misc.)	\$100.00				
			\$31,270.00	\$15,820.00	\$15,450.00	\$15,450.00
Total Proposed Cost						\$31,270.00



Budget Justification



Objective 1: Needs Assessment Survey – 1 hour

16 teachers @ \$20.00/hr = \$320.00 Stipend

Materials/Printing/Mailing = \$50.00

Objective 2: Technology 101 – 40 hours

24 In-Service hours, 17 participants @ \$20.00/hr = \$8160.00 Salary

16 Summer hours, 17 participants @ \$20.00/hr = \$5440.00 Stipend

Materials/Printing/Misc. = \$300.00



Budget Justification



Objective 3: Curriculum Integration – 40 hours

24 In-Service hours, 17 participants @ \$20.00/hr = \$8160.00 Salary

16 Weekend hours, 17 participants @ \$20.00/hr = \$5440.00 Stipend

Materials/Printing/Misc. = \$300.00

Objective 2: Technology 101 – 40 hours

24 In-Service hours, 4 participants @ \$20.00/hr = \$1920.00 Salary

24 Substitute hours, 3 substitutes @ \$120/day = \$1080.00 Wages

Materials/Printing/Misc. = \$300.00



Thank You!





References



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